

20000224.ba v02_n812.bam.20000224

>From ???@??? Thu Feb 24 08:04:09 2000 -0600
Date: Thu, 24 Feb 2000 08:01:57 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2812
Message-Id: <20000224140631.70A5B274B0@devel143.theporch.com>

BOATANCHORS Digest 2812

Topics covered in this issue include:

- 1) Johnson Ranger question
by Chip Owens <owens@atd.ucar.edu>
- 2) Q. Shunt resistors for the Viking II?
by Allen Cutts <cacutts@mindspring.com>
- 3) BA Miscellany FS
by Merz Donald S <merz.ds@mellon.com>
- 4) Anyone Collect Foreign Callbooks?
by David Stinson <arc5@ix.netcom.com>
- 5) Question, re masking tape
by "James C. Garland" <4cx250b@miaavx1.acs.muohio.edu>
- 6) Testing and hamfests?
by MODSTEPH@ACS.EKU.EDU
- 7) RE: Testing and hamfests?
by "Ed Sieb" <sieb@sympatico.ca>
- 8) info on TDT-CKV 52322
by "w2tu" <w2tu@email.msn.com>
- 9) Re: Question, re masking tape
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
- 10) Coloring epoxy
by "John Gibson" <gibsonj@mindspring.com>
- 11) R1155 case
by BEN NOCK <G4BXD@compuserve.com>
- 12) telegraph question.
by Bob Roehrig <broehrig@admin.aurora.edu>
- 13) (no subject)
by michael watts <wy6k@yahoo.com>
- 14) Re: Black capacitors
by jan@skirrow.org
- 15) B&W or Waters Protax Coax Switch WTB
by Sandy Gerli <angerli@home.com>
- 16) TRADE: HAMMARLUND HQ-170
by David Stinson <arc5@ix.netcom.com>
- 17) Help with SX-42 Speaker
by AA5QT@aol.com
- 18) Re: telegraph question.

by Neal McEwen <nmcewen@metronet.com>
19) OTA With Mk.123 "Spy" Set
by Dick Dillman <ddillman@igc.org>
20) Re: masking tape Q / FPM200 data
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
21) BA Haunts in Charleston, SC?
by John Poulton <jp@cs.unc.edu>
22) Manuals FS
by Merz Donald S <merz.ds@mellon.com>

Message-ID: <38B2C597.95835186@atd.ucar.edu>
Date: Tue, 22 Feb 2000 10:21:27 -0700
From: Chip Owens <owens@atd.ucar.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Johnson Ranger question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In checking out this Ranger I've noticed that the plate current creeps upward the longer the rig is in operation. It gets as high as 200mA as indicated on the front panel meter-way too high for the 6146 pa.

I'm not sure at this point if it is just the meter shunt resistor increasing in value with time/temperature or if the bias or screen voltage is responsible for the change. I'll do some more tests of actual operating voltages/currents to determine this, but in the meanwhile the question is this:

What is the correct value of the 6AQ5 clamper tube screen resistor? The schematic shows 11k ohms and the partial manual copy I have shows 22k ohms in the parts listing. The transmitter has a 11k resistor installed. Which is correct?

The transmitter is the original Ranger, not the later version.

Thanks,
Chip, NW00

--
Chip Owens (owens@atd.ucar.edu)

Message-Id: <3.0.6.32.20000222150244.0079bdb0@pop.mindspring.com>
Date: Tue, 22 Feb 2000 15:02:44 -0500

To: Old Tube Radios <boatanchors@theporch.com>
From: Allen Cutts <cacutts@mindspring.com>
Subject: Q. Shunt resistors for the Viking II?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

All,

I'm in the process of fixing the readings that I'm getting on my meter in my Viking II transmitter. There seems to be a total of five shunts and the parts list shows them as:

SH1-SH2	100 M.V. Shunt for 500 ma
SH3-SH4	100 M.V. Shunt for 25 ma
SH5	100 M.V. Shunt for 50 ma

If I've done my math right, should I get the following resistors to replace them:

SH1-SH2	0.2 ohm, 1%
SH3-SH4	4.0 ohm, 1%
SH5	2.0 ohm, 1%

Have I got that correct or am I missing something? Thanks in advance.

Allen Cutts
N4OZI

Message-ID: <20000222221703.18658.qmail@mellon.com>
From: Merz Donald S <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Merz Donald S <merz.ds@mellon.com>
Subject: BA Miscellany FS
Date: Tue, 22 Feb 2000 17:13:18 -0500
MIME-Version: 1.0
Content-Type: text/plain

FOR SALE
Contact DON at merz.ds@mellon.com

HP 122A Oscilloscopes (2 to sell). Nice tube-type bench 'scopes with 5" CRT. Dual-trace, with chop and alternate display modes. Built in square wave calibrator. I don't have a manual so I don't know the bandwidth but probably pretty narrow since these are just klunky old service scopes. Bright trace with no tube burn. Some

controls are
noisy and need sprayed. Cabinet style is similar (but larger) to the HP
200-series
Audio Oscillator in shape and color. Both work and look very good or
excellent. But
one of these has one unoriginal knob. \$35 each or \$60 each shipped to your
door.

Amprobe clamp-on AC Ammeter, Voltmeter, Ohmmeter. 0-1000 Amps AC in 5
ranges, 0-750VAC in 3 ranges, and 0-1000 ohms in one range. With 2 probes
and
pseudo-leather case with clasp. Case is a bit beat up but intact. Meter is
in nice
shape. Ohms probe has inline fuse holder/battery that is intermittent with a
loose battery contact at the + end. \$30 or \$37 shipped to your door.

ARRL "The Radio Operator's Operating Manual," 1st ed., 1966. Covers worn. \$7
shipped.

1958 Heathkit catalog. Callsign written on front cover and other writing on
back cover. But covers and catalog are very good overall. \$16 PPD

G.E. Ham News: Shown as VOL/NUMBER. All in good shape.
50 cents each or trade for issues I am missing.

1950: 5/3, 5/6 (2 copies)
1952: 7/1, 7/5, 7/6
1953: 8/3, 8/5(2 copies), 8/6 (2 copies)
1954: 9/1 (2x), 9/2, 9/3, 9/4, 9/5 (2x), 9/6
1955: 10/2, 10/3, 10/4, 10/5, 10/6 (2 copies)
1956: 11/1, 11/3 (2 copies), 11/6
1957: 12/1, 12/2 (2 copies)
1958: 13/4 (2 copies--one written on), 13/5
1959: 14/1, 14/6
1960: 15/2

RCA Ham Tips: October, 1939 and June/July 1941. Trade for pre-war ham tips
that I do not have. Or \$8 each.

More RCA Ham Tips: 50 cents each or trade for issues I am missing.

1951: Spring (V11#1), Summer (V11#2)
1952: V12#1(1-2/52)(2 copies), V12#2(7/52)(3x)
1953: V13#1 (1-2-3/53), V13#2 (6/7-53), V13#3(8-9/53)
1954: V14#2 (6/7-54)
1955: V15#1(5/55--3 copies), V15#2(8/55)(2 copies)
1956: V16#4 (12/56)
1959: V19#2(6/59)(2 copies), V19#3 (8/59)
1960: V20#2(5/60), V20#3(9/60)
1961: V21#2(5/61), V21#3(9/61) (2 copies)
1962: Spring (V22#1)(4 copies), Fall (V22#3) (2 copies)

1963: Winter 62/63, Spring 63
1965: Winter 64/65
1966: Winter 65/66
1967: 10
1968: February, November, December

CONTACT DON at merz.ds@mellon.com

Message-ID: <38B31C96.721A8B0B@ix.netcom.com>
Date: Tue, 22 Feb 2000 17:32:38 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Anyone Collect Foreign Callbooks?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone here collect foreign-listing callbooks?
I have some 70s era books that need a new home.

73 Dave S.

Message-Id: <3.0.5.32.20000222195919.007de820@miavx1.muohio.edu>
Date: Tue, 22 Feb 2000 19:59:19 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Question, re masking tape
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I recently acquired a Drake MSR-2 receiver that is grunged up with dried masking tape. (I won't tell you about all the electrical problems, except to note that I've got many "enjoyable" evenings ahead at my workbench.) Any tried-and-true methods for removing the tape. This stuff seems like it was baked on.

73,

Jim Garland W8ZR

=====
Website: <http://www.muohio.edu/~4cx250b/web/index.htm>
=====

Date: Wed, 23 Feb 2000 07:09:50 -0500 (EST)
From: MODSTEPH@ACS.EKU.EDU
Subject: Testing and hamfests?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <01JM8L4V1VXU0077MG@ACS.EKU.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

... or more specifically, any testing/hamfests reasonably in
the central Kentucky area this weekend (southern Indiana, Ohio,
Tennessee, etc. - we'll drive a ways).

I got two kids who passed their 5 WPM at the local test session
last week and need to find a place where they can take their Element
2 test (Novice) ASAP.

BA content: got an HQ-110 for one; both are working at restoring
DX-20's (although one may end up with a Handbook 6DQ5 xmtr), and
still looking for another receiver.

Sorry to have to ask here, but my February QST has disappeared...

TIA

73, Al N5AIT

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Testing and hamfests?
Date: Wed, 23 Feb 2000 08:19:15 -0500
Message-ID: <LOBBJH0LOOHLIPLONIAFMEBKCIAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Sorry to have to ask here, but my February QST has disappeared...

Sorry, Al,
Looked around and I don't have your February QST.

Ed VA3ES

Message-ID: <005301bf7e08\$74b32980\$7158143f@W2TU>
From: "w2tu" <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: info on TDT-CKV 52322
Date: Wed, 23 Feb 2000 09:15:19 -0500

Hi all:

Received an inquiry through my website from Mark on a piece of Navy gear he has. It is Aircraft Accessories Corp. Model TDT - CKV 52322. He enclosed a photo attachment which you can get from him. I don't know him so please direct any inquiry to:

coast57@yahoo.com

Hope this may be helpful.

tnx es 73

Paul B. W2TU

Message-ID: <38B3BF87.63F6@lehigh.edu>
Date: Wed, 23 Feb 2000 11:07:51 +0000
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Question, re masking tape
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

James C. Garland wrote:

>
> Hi Gang,
>
> I recently acquired a Drake MSR-2 receiver that is grunged up with dried
> masking tape. (I won't tell you about all the electrical problems, except
> to note that I've got many "enjoyable" evenings ahead at my workbench.) Any
> tried-and-true methods for removing the tape. This stuff seems like it was
> baked on.
>
> 73,

I've had pretty good results softening it up with WD-40.
(My can of WS-40 lost its spritz, so I punched out the spray head and
dumped it into a bottle.) Dip a screwdriver into, spread it around the

tape, wait, peel, re-apply. Less messy than spraying.
Art K3HBA

Message-Id: <200002231629.LAA31622@smtp7.atl.mindspring.net>
Date: Wed, 23 Feb 2000 08:37:13 +0100
Subject: Coloring epoxy
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Dave and BAchorites, I have had success coloring epoxy glue with the tubes of tint "for all types of paint" it says on the label. Found in the paint section of the local hardware store. It comes in the kind of plastic tube that toothpaste comes in. Comes in all colors but white.

John Gibson.

P.S. Can anyone provide me with service manual or even the schematic of a Specifics Product WWV receiver SR7-R? Thanks.

Date: Wed, 23 Feb 2000 14:00:28 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: R1155 case
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200002231400_MC2-9A58-978E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Wanted:

The case for an R1155, any condition. =

cheers, Ben G4BXD

E.F.T.E.
www.qsl.net/g4bxd

Date: Wed, 23 Feb 2000 13:05:37 -0600 (CST)

From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: telegraph question.
Message-ID: <Pine.OSF.3.96.1000223130342.32450B-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll ask here since I know there are some T'graph buffs here. I am trying to find the exact route of the original transcon telegraph line. I have looked at a lot of web areas to no avail. All I know so far is that the East and West lines were finally interconnected at Salt Lake City.

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

Message-ID: <20000223195931.13944.qmail@web3202.mail.yahoo.com>
Date: Wed, 23 Feb 2000 11:59:31 -0800 (PST)
From: michael watts <wy6k@yahoo.com>
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I would like to buy an HQ170A in really good condition. If you have one to let go please email me!

Michael Watts
WY6K

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 23 Feb 2000 12:21:14 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: jan@skirrow.org
Subject: Re: Black capacitors
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <E12NiaB-0002do-00@mail.islandnet.com>

Hi All...

This issue has come up before - often.

Sprague made good caps, but even the best make mistakes. As someone else said, always test rather than automatically replace ... BUT ... of probably 100 or more so-called Black Beauties that I have tested, (and their Brown cousins found in many R-390A radios) virtually all were leaky. In some applications this might not matter, but in others it can be disastrous. When I say "Black Beauty" (or Brown) I mean the caps with the color coding bands around the body like a resistor. There are other brown and black colored caps out there that may well be fine.

When I first started to replace these units, I took a magnifying glass and had a close look at the body. Many had very fine cracks, altho some were quite big. I expect that the encapsulation method is the problem. Whatever the reason, the encapsulation failed. It's possible that the failure is heat related so that unused units may be fine. But I wouldn't trust them.

So, I automatically assume these things need replacing.

Jan Skirrow, VE7DJX

... in beautiful British Columbia, Canada

*** Please note that my email address has changed from ***
*** dma@islandnet.com to jan@skirrow.org ***

Message-ID: <38B46040.E1CD5921@home.com>
Date: Wed, 23 Feb 2000 17:33:37 -0500
From: Sandy Gerli <angerli@home.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: B&W or Waters Protax Coax Switch WTB
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, gang,

Looking for the 6-position round switch with the coax connectors extending out the back. Anybody have one they'd part with??

73,

--
Sandy Gerli, AC1Y

500 Country Club Road
Avon, CT 06001-2406
(860) 675-5566
E-Mail: angerli@home.com

Life Member: ARRL, QCWA
Collins Collectors Association
Hallicrafters Collectors Association
Intrepid Heathkit Aficionado

Boatanchors are Ham Radio's living heritage!
Restore something! Smell that hot solder!
Better 'n booze...
And, you can get up afterwards if you stay away from the B+!!
Keep your finals dipped, now...

Message-ID: <38B465DE.C0AB84B4@ix.netcom.com>
Date: Wed, 23 Feb 2000 16:57:34 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TRADE: HAMMARLUND HQ-170
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a nice Hammarlund HQ-170
available for trade only at this time- trade only, please.
It's *not* "mint" (I don't believe in "mint."
Something is "mint" if it's still in the unopened package),
but it is pretty.

First the negatives-
Most of the bands require you
to put the graticule way over, so it needs alignment for frequency.
All the bands sound good except 80 mtrs, where signals seem low to me.
Probably alignment here, too.
Seems to take a long time to warm up
and settle down on 20 meters and up.
I've been told this is an old cap
in the Osc. section, but I don't know.
I don't think the bandswitch knob is correct. It's round.
All the others look "right" according to photos I've seen.

Now the positives-
I call this one a fair 8 out of 10 cosmetically. Looks good
and I will send photos for serious inquiries. Chassis is dusty
but not "eat up." NO smoker stains. 12-hour clock is quiet and

works- looks original. S-meter works. All the knobs and functions work. Back cover and skirt clean and nice.
Bandswitch clean and free moving.
If you're recreating your novice station,
this one will "show" well.
And the audio sure sounds good.

I'm interested in the following
clean condition, unmodified trades
(no dirty "projects," please):

Command Set Radios, Good condition, *unmodified* ONLY:
T-15/ARC-5, T-16/ARC-5, T-89/ARC-5, T-90/ARC-5 transmitters.
RAT, RAT-1, RAV receivers (ranges 9-13, 13-20 and 20-27 MCs).
BC-942 VHF receiver. Looks like an R-28 but is marked:
"SIGNAL CORPS U.S. ARMY, BC-942, Western Electric."

Infantry Portable Radios, Good condition, *unmodified* ONLY:
BC-148, BC-151, BC-156, BC-474, BC-669 (Hallicrafters only).

Will discuss other, similar trades
(I have no interest in anything modern
or any tubes other than resellable audio tubes).
I will ask to swap photos.
If no trade interest, it will go to "the bay."

TNX ES 73 DE Dave Stinson AB5S
arc5@ix.netcom.com

From: AA5QT@aol.com
Message-ID: <4e.213ced4.25e5e818@aol.com>
Date: Wed, 23 Feb 2000 20:49:12 EST
Subject: Help with SX-42 Speaker
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have the reproducer for the '42, but it's been gutted inside. Anyone have a copy of the wiring (crossover and transformer)? I don't see anything in my SX-42 manual.

Thanks in advance and 73!

Gary K5QT

Message-ID: <38B49048.C5340011@metronet.com>
Date: Wed, 23 Feb 2000 19:58:32 -0600
From: Neal McEwen <nmcewen@metronet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: telegraph question.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Roehrig wrote:

>

> I am trying > to find the exact route of the original transcon telegraph line.

Omaha -> Ft. Kearney -> Julesberg -> Ft. Laramie -> Rock Springs ->
SLC -> Carson City -> Sacramento -> San Francisco. There was also a
connection from Julesburg to Denver. The line eventually connected SF
to Vancouver.

The story is told very nicely in Phil Ault's book, "Wires West."
There are lots of copies on the used market for \$10 to \$15.

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://www.metronet.com/~nmcewen/tel_off.html

Message-Id: <3.0.5.32.20000223204437.00796100@pop.igc.org>
Date: Wed, 23 Feb 2000 20:44:37 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.org>
Subject: OTA With Mk.123 "Spy" Set
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The British Mk.123 "spy" set arrived today from Clive in the UK. This is a
sweet little clandestine set covering 2.5 to 20Mc. in three bands with a
power output of up to 25W (see Ben Nock's excellent article in radio
Bygones No. 29 for June/July 1994). It takes its place with the AN/GRC-109
and RS-6 in my collection of "spy" radios.

The Mk.123 is a transceiver housed with its power supply in a blue box
measuring 300mm l x 85mm h x 136mm w and weighs 3.5kg. The three tube
receiver is directly calibrated in frequency. While the calibration points
are 100kc. apart on 40m it has a good logging scale so resetability should
be good. The three tube transmitter is of course crystal controlled using
FT-243 crystals. It has a built in key and a meter and glow lamps for tune
up. There is no capability for netting the receiver to the transmitter.

This makes amateur operation difficult. But when in actual use by agents the agent and the control station were always on different frequencies so netting was not required.

After adjusting the little thumb switch selector to a colonial voltage of 120V I brought it up slowly on the Variac. The receiver came right up and was quite lively (40m was hopping). I then rigged a proper spy antenna running a length of wire from the drape hangar in my bedroom/radioroom down the hallway to the similar drape hangar in the living room. With the ground lead clipped to the radiator she tuned up nicely. In fact the little meter pinned more than once. I shuddered at the possibility of damaging it. Anyway with this setup my control station (actually my friend across San Francisco Bay) was able to copy me fine on 7040kc. with some QSB. I signed off my first transmission with "God save the Queen".

Later I called KB70VS as he finished a QSO. As I called I realized my ground wire was disconnected! I had detached it so I wouldn't trip on it and bring the whole radio off the bench. Nevertheless he kindly supplied a 569 report from Carson City, NV.

I must say I'm well pleased with the Mk.123. It certainly seems more robust than the RS-6 and it's much lighter than the AN/GRC-109. Plus everything is in one box so there's no plugging and unplugging.

If anyone has further information on these radios or any idea where accessories (headphones, key, etc) or a manual might be found I'd be most interested to hear from you.

Hmmm... I hope that firm knock on my door isn't the KGB!

Vy 73,

Dick

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <3.0.5.32.20000224072743.007e2bb0@miavx1.muohio.edu>
Date: Thu, 24 Feb 2000 07:27:43 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Re: masking tape Q / FPM200 data
Cc: "boatanchors@theporch.com" <boatanchors@theporch.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Thanks for your FPM-200 info, Marty. I'll add it to my file.

The FPM200 is an amazing rig for 1959 technology. Some of the radio is very high quality, such as the glass epoxy boards and overall design and workmanship. The twin PTOs are just unbelievable -- extremely stable, with linear readout over a very wide frequency range... nicer and more compact than any Collins or C.E. PTOs. The radio just doesn't drift, even from a cold start. However, the phenolic switch wafers and -- especially - the slug tuned coils don't seem up to the quality of the rest of the radio..

The rig does work pretty well, though it's not without some glitches. The PTOs interact when tuned to the same frequency, leading to some transmitter warble (the manual notes this), and the A.C. power supply is unregulated, so that the panel lights dim on transmit. On my radio, the volume doesn't turn down all the way (the AF output stage on the rig will blow your socks off), and the sidetone level is too low, even turned up all the way. The inverter hums noticeably on transmit, which I actually find a bit endearing, and the CW note is chirpy. The receiver is HOT, but -- as expected for 1959 Ge bipolar technology -- is rife with intermod on 75 meters at nighttime. Still, with glass epoxy motherboard construction, the interesting cooling baffle, the sold-state design with twin PTOs, etc., it's surely one of the most imaginative rigs ever designed, and years ahead of its time.

After five years of searching, I've found only 16 in existence, including a couple of prototypes and ones scavenged from spare modules..

Jim

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Website: <http://www.muohio.edu/~4cx250b/web/index.htm>
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Date: Thu, 24 Feb 2000 08:10:30 -0500 (EST)
From: John Poulton <jp@cs.unc.edu>
Message-Id: <200002241310.IAA13771@mira.cs.unc.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA Haunts in Charleston, SC?

Looks like I'm going to have a free Saturday this weekend in Charleston, SC. Any recommendations for BA-related sights or sites? I've heard there're some great ship tours, and there's this persistent rumor of a Collins 32RA on display at one of the museums...

Thanks!
John, KF4OZY

Message-ID: <20000224140516.8305.qmail@mellon.com>
From: Merz Donald S <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Manuals FS
Date: Thu, 24 Feb 2000 09:01:18 -0500
MIME-Version: 1.0
Content-Type: text/plain

FOR SALE: BOATANCHOR MANUALS
Reply to Don Merz, N3RHT at merz.ds@mellon.com

Ameritron AL-811 HF Power Linear Amplifier original Instruction Manual.
Like new. \$8 PPD
B&W 600 Grid Dip Meter good photocopy. \$5 PPD
Collins 51J3 Sams photofact copy, copy of articles from Collins Collectors
Magazine on 51J-series, connection diagrams from 51J manuals. \$5.50 PPD
Daiwa CN-620/720 SWR Meter manual. \$3 PPD
Dumont 304 and 304H original manual. 1949. Excellent. \$9 PPD
Echophone EC-3 photocopy of Rider info. \$3 PPD
Eico 221 VTVM original instruction manual. Good. \$4 PPD
Eico 526-536 Multimeters Construction and separate user manual,
1952: \$4 PPD
Globe Specialties model 6000 650mhz frequency counter original manual.
1985-1988. \$5 PPD
Hallicrafters S-39 Sky Ranger Rider data and manual photocopy. Good
copies. 40+ pages. \$7 PPD
Hallicrafters SX-101 Mark III fair photocopy: \$5 PPD
Harris 1525 Two-Way Radio Manual copy. Free.
Heathkit AM-2 Reflected Power Meter original manual. Good. \$6 PPD
Heathkit CB-1 lunchbox CB original manual. Some writing on front but
otherwise excellent. \$14 PPD
Heathkit EF-1 manual copy. Excellent. \$6 PPD (2 available)
Heathkit HD-1416 Code Oscillator original manual. \$5 PPD
Heathkit HM-15 Reflected Power Meter And SWR Bridge original manual.
Good. \$6 PPD
Heathkit HN-31 Cantenna dummy load original manual. Excellent. \$5 PPD
Heathkit HR-20 photocopy manual with all 11x17 drawings. Good. \$7 PPD
Heathkit HW-202 2-Meter FM Transceiver original manual. With oversize
assembly drawings and separate parts list. Cover worn. \$11 PPD
Heathkit HWA-2036-3 AC Power Supply original manual. Good. \$7 PPD
Heathkit IM-17 Utility Solid State Voltmeter original manual. Good. \$5 PPD
Heathkit RP-1 Record Player original manual. Dated 1953. Cover splitting
at binding edge. \$9 PPD

Heathkit SA-2040 Antenna Tuner partial manual copy. \$4 PPD
Heathkit SB-104 Transciever original Assembly Manual. Excellent: \$12 PPD
Heathkit V-6 VTVM original manual. Small chip in lower front cover
corner. Otherwise good. \$6 PPD
Hy-Gain 18-AVT Vertical Antenna Manual. \$4 PPD
Hy-Gain 12-AVS Vertical Antenna manual. \$4 PPD
Jackson 112 Condenser tester good photocopy. No schematic. \$2 PPD
Kirk 5075 Broad Band Balun manual. \$2 PPD
Knight Capacitor Checker original manual. \$4 PPD
Masco MC-25x amplifier original manual. \$4 PPD
MFJ 408/406 Deluxe Electronic Keyer original manual: \$2 PPD
National HRO 5TA1 poor manual photocopy. \$4 PPD
National NC-240D receiver good photocopy (2 copies available). \$5 EACH PPD

Noistop Instruction Manual. Looks like some sort of noise blanker add-on
for early CB radios. Covers installation on 18 different brands including
Gonset, Hallicrafters, Johnson, Polycomm, etc. \$5 PPD
Precision 640 tube tester original manual: \$3 PPD
Precision Apparatus TV-1 and TV2 High Voltage Multiplier Probe
instruction sheet. \$3 PPD
Sprague Tel-Ohmike Model 16 original manual. This looks like a pre-T0
model of the famous cap tester. Excellent. \$9 PPD
Superior X-Rayometer original manual, 1939, no cover (may never have
had one). \$7 or I'd buy your X-Rayometer to go with this manual!
Tektronix K plug-in operating manual. Excellent. \$7
Triplett 650 manual copy. Excellent. \$4 PPD
Vanguard Model 407 Converter/Dual-gate MOSFET preamp original
instruction sheet: Free to good home with owner's notes.

Reply to Don Merz, N3RHT at merz.ds@mellon.com

End of BOATANCHORS Digest 2812
